AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-20. (cancelled)

21. (currently amended) A method of loading schedule planning related data of an airline flight service and a flight schedule database of a computer based reservation system, comprising:

at least one computer programmed to perform the steps of:

receiving at least one batch of flight schedule changes at a Schedule Loader server (SLS);

extracting the changes contained in the batch and storing said changes as a set of Future Schedule Records (FSR) which are stored as temporary data available for passenger re-accommodation purpose;

publishing the future schedule records (FSR) on a reservation distribution server;

accessing the future schedule records (FSR) and the flight schedule database simultaneously by the reservation distribution server;

simulating passenger re-accommodation options to determine the best re-accommodation option for each passenger among said future schedule records (FSR) and the data of the flight schedule database, said simulating step comprising the steps of:

- automatically selecting by the reservation distribution server of a re-accommodation option among the data of the flight schedule database for the passengers on flights not affected by the future schedule records (FSR); and among the future schedule records for the other passengers,

- verifying of the re-accommodation options by the reservation distribution system by applying re-accommodation automation rules, and

- validating by an operator of the re-accommodation options which do not satisfy the re-accommodation automation rules;

applying the changes in the flight schedule database by:

detecting dependent re-accommodation options by checking whether some of the best re-accommodation options are comprised in said future schedule records (FSR);

updating the flight schedule database starting with the future schedule records (FSR) comprising dependent re-accommodation options; ~~and~~

updating the reservation inventory database according to the re-accommodations options determined during the simulation step;~~,~~ and

deleting the future schedule records (FSR)~~wherein a reservation system selects a reassignment option, said option being selected from the future schedule record (FSR) or the current schedule record,~~

~~wherein the current schedule record is a record that remains unchanged by the applying changes in the flight schedule database~~.

22. (currently amended) The method according to claim 21, further comprising:

accessing via a Graphical User Interface for~~access and~~ set up of the re-accommodation automation rules~~criteria for processing each batch of flight schedule changes~~, for the verification step ~~of the changes extracted from the batch of changes~~ and for the validation step~~of the reservation re-accommodations~~.

23. (cancelled)

24. (previously presented) The method according to claim 21, wherein a characteristic suffix (SL) is assigned to the changes and stored as future schedule records (FSR).

25. (previously presented) The method according to claim 24, wherein an argument is assigned to each record (FSR), said argument indicates whether this record (FSR) has been made accessible to the reservation distribution server.

26. (previously presented) The method according to claim 25, further comprising:

determining for each extracted change a corresponding flight periods of the flight schedule database and upon further determination that said corresponding flight periods have not already been affected by one change whose argument is positive, perform the further steps of:

duplicating said period and assigning the suffix (SL) to the duplicated period;

sending a scheduling change message to integrate the change in the duplicated period that it affects;

indicating that the change is a record accessible to the reservation distribution server, by placing its argument (FSR is published) in the positive state.

27. (previously presented) The method according to claim 21, wherein upon simulation of re-accommodation, a degree of dependency is attributed to each record as a function of the number of other records in cascade for which an application of said record gives rise to a re-accommodation of the reservations on said other records.

28. (previously presented) The method according to claim 21, wherein, in a case of cyclical dependence between several records, upon the execution of the re-accommodation operations in the reservation system, each reservation in question is modified only once by the assembly of these reassignments.

29. (previously presented) The method according to claim 21, wherein the records (FSR) are deleted after final updating of the flight schedule and the reservation inventory databases.